DIGITAL FINGERPRINT IDENTIFICATION SYSTEM
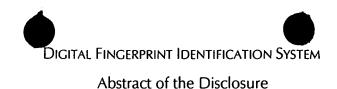
Abstract of the Disclosure

Methods, apparatuses, and systems for identifying a digital fingerprint. One embodiment compensates for the inaccuracies resulting from the unstable nature of the circuits that yield digital fingerprints and, therefore, allows for reliable identification of these digital fingerprints. According to one embodiment, the digital fingerprint (identification) is divided into a plurality of sections and stored in a database. According to this embodiment, fingerprints are identified by comparing the sections of the fingerprint to be identified with corresponding sections of the fingerprints stored in the database. The matching fingerprint, in one embodiment, is the fingerprint associated with a statistically sufficient number of matching fingerprint sections. Other embodiments of the present invention optimize the section lookup methodology based on the stability of the sections of the fingerprint.

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